

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A molded composite article in which a resin member comprising a non-urethane-series thermoplastic resin and a resin member comprising a thermoplastic polyurethane-series resin are directly joined with each other, wherein

the non-urethane-series thermoplastic resin is a non-urethane-series thermoplastic resin (Ib) or (IIb), and the non-urethane-series thermoplastic resin ~~and the thermoplastic polyurethane-series resin~~ fulfill a fulfills the following requirement (Ia) ~~or (IIa)~~,

(Ia): the non-urethane-series thermoplastic resin (Ib) comprises at least one member selected from the group consisting of a polyamide component having an alicyclic ring, and an amino group-containing compound, ~~or~~

~~—— (IIa): each of the non-urethane-series thermoplastic resin (IIb) and the thermoplastic polyurethane-series resin has a polyether segment.~~

2. (Currently Amended) A molded composite article according to Claim 1, wherein the non-urethane-series thermoplastic resin (Ib) is (Ib-1) a resin comprising a polyamide component having an alicyclic ring, or (Ib-2) a resin composition comprising a non-urethane-series thermoplastic resin and an amino group-containing compound.

3. (Currently Amended) A molded composite article according to Claim 1, wherein the non-urethane-series thermoplastic resin (Ib) has an amino group in a concentration of not less than 10 mmol/kg.

4. (Currently Amended) A molded composite article according to Claim 1, wherein in the non-urethane-series thermoplastic resin (Ib), the polyamide component having an alicyclic ring is at least one member selected from the group consisting of an alicyclic polyamide-series resin and an alicyclic polyamide elastomer.

5. (Currently Amended) A molded composite article according to Claim 1, wherein in the non-urethane-series thermoplastic resin (Ib), the polyamide component having an alicyclic ring comprises

an alicyclic polyamide component which is at least one member selected from the group consisting of an alicyclic polyamide-series resin, an alicyclic polyamide elastomer and an alicyclic polyamide oligomer; and

a non-alicyclic polyamide component which is at least one member selected from the group consisting of an aliphatic polyamide-series resin and an aromatic polyamide-series resin.

6. (Currently Amended) A molded composite article according to Claim 1, wherein in the non-urethane-series thermoplastic resin (Ib), the polyamide component having an alicyclic ring is obtained ~~obtainable~~ by using an alicyclic diamine as a diamine component.

7. (Currently Amended) A molded composite article according to Claim 1, wherein the non-urethane-series thermoplastic resin (Ib) comprises a polyamide-series resin, and the proportion (molar ratio) of an alicyclic monomer residue relative to other monomer ~~residue~~ residues in all polyamide components constituting the polyamide-series resin is ~~the former/the latter~~ = 100/0 to 0.1/99.9.

8. (Currently Amended) A molded composite article according to Claim 1, wherein the non-urethane-series thermoplastic resin (Ib) is (Ib-2) a resin composition which comprises an amino group-containing compound and a non-urethane-series thermoplastic resin comprising at least one member selected from the group consisting of a polyamide-series resin, a polyester-series resin, a polycarbonate-series resin, a polyphenylene sulfide-series resin, a polysulfone-series resin, a thermoplastic polyimide-series resin, a polyetherketone-series resin, an olefinic resin, a styrenic resin, a (meth)acrylic resin, and a halogen-containing vinyl-series resin.

9. (Currently Amended) A molded composite article according to Claim 1, wherein in the non-urethane-series thermoplastic resin (Ib), the amino group-containing compound has a plurality of primary amino groups in the molecule.

10. (Currently Amended) A molded composite article according to Claim 1, wherein in the non-urethane-series thermoplastic resin (Ib), the amino group-containing compound has an amino group in a concentration of 40 to 1000 mmol/kg.

11. (Currently Amended) A molded composite article according to Claim 1, wherein in the non-urethane-series thermoplastic resin (Ib), the amino group-containing compound is a polyamide oligomer having a number average molecular weight of 500 to 10,000 and an amino group in a concentration of 50 to 700 mmol/kg.

12. (Currently Amended) A molded composite article according to Claim 1, wherein the non-urethane-series thermoplastic resin (Ib) is a resin composition (Ib-2) comprising a non-urethane-series thermoplastic resin and an amino group-containing compound, and the proportion of the amino group-containing compound is 0.01 to 20 parts by weight relative to 100 parts by weight of the non-urethane-series thermoplastic resin.

13. (Currently Amended) A molded composite article according to Claim 1, wherein the non-urethane-series thermoplastic resin (Ib) is a resin composition which comprises

a polyamide oligomer; and

at least one non-urethane-series thermoplastic resin selected from the group consisting of a polyamide-series resin, a polyester-series resin, a polycarbonate-series resin and a polyphenylenesulfide-series resin.

14. (Currently Amended) A molded composite article according to Claim 1, wherein the resin member comprising the non-urethane-series thermoplastic resin (Ib) is directly joined to the

resin member comprising at least one thermoplastic polyurethane-series resin selected from the group consisting of a polyester urethane elastomer and a polyether urethane elastomer.

Claims 15-18 (Cancelled)

19. (Original) A molded composite article according to Claim 1, which is a shoe member or a roll member.

20. (Currently Amended) A non-urethane-series thermoplastic resin for directly joining joinable to a thermoplastic polyurethane-series resin, which is a non-urethane-series thermoplastic resin (Ib), wherein or (Ib), and

the non-urethane-series thermoplastic resin (Ib) comprises at least one member selected from the group consisting of a polyamide component having an alicyclic ring and an amino group-containing compound,

the non-urethane thermoplastic resin (Ib) has an amino group in a concentration of not less than 10 mmol/kg,

the non-urethane thermoplastic resin (Ib) is (Ib-1) a resin comprising a polyamide component having an alicyclic ring or (Ib-2) a resin composition which comprises a non-urethane thermoplastic resin and an amino group-containing compound, and

the polyamide component having an alicyclic ring comprises

an alicyclic polyamide component which is at least one member selected from the group consisting of an alicyclic polyamide resin, an alicyclic polyamide elastomer and an alicyclic polyamide oligomer; and

a non-alicyclic polyamide component which is at least one member selected from the group consisting of an aliphatic polyamide resin and an aromatic polyamide resin

[[or]]

~~the non-urethane-series thermoplastic resin (Ib) comprises a non-urethane-series thermoplastic resin which has a polyether segment and is directly joinable to the thermoplastic polyurethane-series resin having a polyether segment.~~

Claim 21 (Cancelled)

22. (Withdrawn) A process for producing a molded composite article recited in claim 1, which comprises

heating at least one resin selected from the group consisting of the non-urethane-series thermoplastic resin and the thermoplastic polyurethane-series resin, and joining the both resins with each other.

23. (Withdrawn) A process according to Claim 22, which comprises heating at least one resin selected from the group consisting of the non-urethane-series thermoplastic resin and the thermoplastic polyurethane-series resin to be molten, bringing at least one resin in the molten state into contact with the other resin, and joining both resins with each other.

24. (Withdrawn) A process according to Claim 22, wherein the non-urethane-series thermoplastic resin and the thermoplastic polyurethane-series resin are joined with each other in the molding process by a molding method selected from the group consisting of a thermoforming, an injection molding, an extrusion molding, and a blow molding.